

LEGISLATIVE ISSUES

The following are Legislative bills related to the Safe Drinking Water Program:

- (1) HB2528/SB2869 - Allows the DOH to increase the potential fines for violations from \$25,000 per day to \$25,000 per day per violation;
- (2) HB2529/SB2870 - Amends Chapter 340E by providing the definition for distribution systems and distribution system operators; and
- (3) HB3021 - Related to gasoline: would ban the sale of gasoline containing MTBE which has been found to be a groundwater/drinking water contaminant.

CONSUMER CONFIDENCE REPORTS

On February 2, 2000, the Safe Drinking Water Branch reported to the United States Environmental Protection Agency that all 118 community water systems required to prepare and distribute consumer confidence reports had done so. All CWSs also submitted copies to the SDWB. At the time, however, six CWSs had not yet submitted the required certification letter. These CWSs were contacted to ensure that CCR requirements were met by all CWSs.

Well its time once again to begin the process again. The SDWB is currently preparing the DOH chemical monitoring data for transmittal to the CWSs. Water systems should expect to receive their data by mid to late March (with data for water systems that sell water to other water systems being processed first.)

This year's CCR deadlines are as follows:

- | | |
|--|------------------------|
| (1) Water sellers must provide monitoring data to water purchasers by: | APRIL 1, 2000 |
| (2) CCRs must be prepared and distributed to customers by: | JULY 1, 2000 |
| (3) Water systems must submit a certification that they have prepared and distributed the CCR to their customers by: | OCTOBER 1, 2000 |

For information regarding consumer confidence report requirements contact Nora Macariola-See. Regarding the DOH chemical monitoring data contact Daniel Chang at the Safe Drinking Water Branch office in Honolulu at 586-4258 or call direct from your island on our toll-free numbers, ext. 64258: 974-4000 from Hawai'i, 984-2400 from Maui, 274-3141 from Kaua'i and 1-800-468-4644 from Moloka'i and Lana'i.

SDWB BID FAREWELL TO TWO MEMBERS OF ITS STAFF

The Safe Drinking Water Branch recently bid farewell to two members of its staff.

Mark Yonamine, an engineer with the Engineering Section departed the Branch on December 30, 1999. Mark worked on the IESWTR and the D/DBPR. Mark moves on to work for a private engineering firm.

Queenie Komori, an engineer with the Engineering Section departed the Branch on February 25, 2000. Queenie worked on new source approvals and the Hawaii Source Water Assessment Program. Queenie moves onto work for the Hawaiian Electric Company.

The SDWB wishes them well in their new career choices.

**TRAINING BEGINS FOR DRINKING WATER DISTRIBUTION SYSTEM OPERATORS
SEVEN (7) ADDITIONAL TRAINING CLASSES SCHEDULED**



**BASIC DRINKING WATER
DISTRIBUTION SYSTEM OPERATOR
TRAINING COURSE**

FIVE-DAY TRAINING COURSE

** No Fee To Attend Course - Exam Fee is \$20.00 **

WHERE: LOCATIONS ON KAUAI, OAHU, MOLOKAI, MAUI, AND HAWAII

WHEN: FEBRUARY THROUGH DECEMBER 2000
See the schedule below for the locations, dates, and times

PRESENTED BY: RURAL COMMUNITY ASSISTANCE CORPORATION

SPONSORS: THE STATE OF HAWAII DEPARTMENT OF HEALTH, SAFE DRINKING WATER
BRANCH AND THE HAWAII SECTION AWWA, WITH FUNDING FROM THE U.S.
ENVIRONMENTAL PROTECTION AGENCY

In the near future, the Safe Drinking Water Act will require all community and nontransient noncommunity water systems to have at least two certified distribution system operators. To maintain their compliance status, water systems are strongly encouraged to send their operation and maintenance personnel who perform or supervise others performing work which could affect the quality of the drinking water, to one of the basic training courses for water distribution system operators. This course will cover material designed to help existing distribution system operators prepare to take the operator certification examination which will be administered on the last day..

COURSE TOPICS WILL INCLUDE:

- ! OPERATOR RESPONSIBILITIES/WATER SOURCES/INFRASTRUCTURE
- ! DISTRIBUTION SYSTEM FACILITIES/PREVENTIVE MAINTENANCE
- ! WELLS, PUMPS, AND MOTORS/FLOW AND PRESSURE REGULATION
- ! WATER QUALITY/SAFE DRINKING WATER ACT/CAPACITY DEVELOPMENT
- ! WATER TREATMENT/DISINFECTION/CORROSION CONTROL
- ! LEAK DETECTION AND REPAIR/CROSS-CONNECTION/BACKFLOW PREVENTION
- ! SAFETY/OSHA REGULATIONS/CONSUMER RELATIONS
- ! SOLVING MATH PROBLEMS/ENGINEERING CONCEPTS REVIEW
- ! OPERATOR CERTIFICATION EXAM PREPARATION TIPS

The workshop is sponsored by the Safe Drinking Water Branch with no charge for tuition or the course manuals. The U. S. EPA provided the funds for the operator training course. The training manuals were developed by Ken Kerri at California State University, Sacramento.

Rural Community Assistance Corporation will conduct the training and is not involved with the certification examinations. The AWWA, Hawaii Section, will obtain the distribution system operator certification examinations from the Association of Boards of Certification (ABC). The ABC will charge \$20.00 per examination, which includes the preparation and correction of the exams by ABC. Mr. Larry Whang of the SDWB, assisted by the SDWB staff, will administer the examinations.

Please complete and mail the examination registration form with the \$20.00 examination fee to Mr. Larry Whang at the SDWB. The mailing address is:

Safe Drinking Water Branch
919 Ala Moana Boulevard, Rm 308
Honolulu, HI 96814.

The examination fee must be paid by a postal money order or a bank-issued cashier's check payable to "AWWA, Hawaii Section". **CASH OR PERSONAL CHECKS WILL NOT BE ACCEPTED.**

Registering for the operator certification examination will enroll one in the course. Space may be limited, so operators are requested to register early. **A copy of the registration form has been attached to the back of this newsletter.**

The ABC requires that operators pre-register for the certification examination. Therefore, operators who fail to pre-register will not be allowed to take the certification examination. Operators taking the training course must complete the training in its entirety to be eligible to take the operator certification examination at course end.

If any questions arise pertaining to the certification examination/registration, please contact Mr. Larry Whang at (808) 586-4258.

For questions about the training course, contact Mr. Glenn Johansen of RCAC at (808)961-6213.

The training course offerings previously scheduled are as follows:

- | | |
|------------------------------|--|
| Lihue, Kauai - | March 13, 14, 15, 20, and 21, 2000 (7:30 a.m. to 3:30 p.m. daily), at Kauai War Memorial Convention Hall. |
| Pearl City, Oahu - | March 28, 29, 30, April 4, and 5, 2000 (7:45 a.m. to 3:45 p.m. daily) at Department of Health Laboratory Building. |
| Kaunakakai, Molokai - | April 11, 12, 13, 18, and 19, 2000 (7:30 a.m. to 3:30 p.m. daily), at Department of Hawaiian Home Lands Conference Room. |
| Pearl City, Oahu - | May 2, 3, 4, 8, and 9, 2000 (7:45 a.m. to 3:45 p.m. daily) at Department of Health Laboratory Building. |
| Hilo, Hawaii - | May 23, 24, 25, 30 and 31, 2000 (7:45 a.m. to 3:45 p.m. daily), at Department of Health - Environmental Health Building. |
| Kona, Hawaii - | June 19, 20, 21, 27, and 28, 2000 (8:00 a.m. to 4:00 p.m. daily) at Natural Energy Laboratory Hawaii Authority Facility. |

The seven (7) additional training course offerings have been scheduled as follows:

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|------------------------------|---|
| Wailuku, Maui - | August 1, 2, 3, 8 and 9, 2000 (7:45 a.m. to 3:45 p.m. daily), at State Building Conference Room. |
| Lihue, Kauai - | August 22, 23, 24, 29 and 30, 2000 (7:30 a.m. to 3:30 p.m. daily), at Kauai War Memorial Convention Hall. |
| Pearl City, Oahu - | September 5, 6, 7, 12 and 13, 2000 (7:45 a.m. to 3:45 p.m. daily) at Department of Health Laboratory Building. |
| Kaunakakai, Molokai - | September 26, 27, 28, October 3 and 4, 2000 (7:30 a.m. to 3:30 p.m. daily), at Department of Hawaiian Home Lands Conference Room. |

- Wailuku, Maui -** October 10, 11, 12, 17 and 18, 2000 (7:45 a.m. to 3:45 p.m. daily), at State Building Conference Room.
- Pearl City, Oahu -** October 31, November 1, 2, 8 and 9, 2000 (7:45 a.m. to 3:45 p.m. daily) at Department of Health Laboratory Building.
- Pearl City, Oahu -** December 11, 12, 13, 19 and 20, 2000 (7:45 a.m. to 3:45 p.m. daily) at Department of Health Laboratory Building.

Note: This course schedule may be subject to change. Registrants will be notified of changes.

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WHO WANTS TO BORROW A MILLION DOLLARS (or MORE)

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THE BACK OF THIS DOCUMENT CONTAINS AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW

\$ 076272 \$ 0076272 • **STATE OF HAWAII** • 000012 59-101 / 1213
HONOLULU, HAWAII

VOID ON JUNE 1, 2001 DATE 02 18 2000

PAY ▶ **\$*7,314,142.00** DOLLARS EXACTLY CENTS

*****7,314,142.00 DOLLARS

PAY TO THE ORDER OF
COUNTY OF MAUI
DEPT OF WATER SUPPLY
P O BOX 1109
WAILUKU HI 96793-6109

For and Charge Same To SPECIAL FUND FISCAL YEAR 1999-2000 VOUCHER: 021489

MAIN BRANCH First Hawaiian Bank HONOLULU, HAWAII

⑈040076272⑈ ⑆121301015⑆ 01088947⑈

ABOVE: Copy of the actual DWSRF loan check awarded to the County of Maui. Most of the staff in the Safe Drinking Water Branch have never seen a \$7 million dollar check and there were a few who were fortunate enough to touch it (but not fortunate enough to be able to keep it).

LEFT: George Tengan of the Maui Department of Water Supply accepting the DWSRF loan check from Deputy Director Gary Gill and Environmental Management Division Chief Thomas Arizumi. The check was quickly deposited into the Maui Department of Water Supply's bank account (imagine having to explain losing that baby!!!!).

Water Systems interested in applying for a DWSRF loan should submit their application to the Safe Drinking Water Branch by March 30, 2000. For more information, contact Denise Dang at (808) 586-4258.

AMERICAN BACKFLOW PREVENTION ASSOCIATION -- 2000 TECHNICAL CONFERENCE

The Hawaii Chapter American Backflow Prevention Association (ABPA) Technical Conference will be held at the Ala Moana Hotel Hibiscus Ballroom, Tuesday, March 28th and Wednesday, March 29th from 8:00 am until 4:00 pm each day. Deadline for early registration is March 24, 2000. Cost for pre-registration (until March 24) is \$80.00 (ABPA members), \$133 (non-ABPA members), and \$150 (exhibitors). Cost for late registration (after March 24) is \$100.00 (ABPA members) and \$153 (non-ABPA members). To obtain copies of the conference agenda and registration form, contact Mr. George P. Lloyd, ABPA Hawaii Chapter 2000 Conference Chair at (808) 373-3273.

The ABPA Backflow Tester Recertification will be offered the week of March 27th, 2000. If you are interested, please contact Earl Ichimura at (800) 281-9568.

CONGRATULATIONS - WATER SYSTEM UTILITY MANAGEMENT WORKSHOP GRADUATES!

In an effort to improve the “capacity” of existing water systems, the Department of Health sponsored training for water system owner, managers, supervisors, and other interested personnel. Last fall, Glenn Johansen and the late Leonard Ainsworth of the Rural Community Assistance Corporation (RCAC) and Earl Ichimura, Pural Water Specialties, Inc., conducted the “Water System Utility Management Workshop” in Hilo, Kona, Honolulu, Lihue, and Pearl City. A total of 100 water and wastewater utility personnel attended these workshops, based on the new “Utility Management” field study training program textbook by the widely recognized California State University, Sacramento, Office of Water Programs (Kenneth Kerri).

The Safe Drinking Water Branch would like to commend those water systems who allowed their personnel to attend this 16-hour workshop. In addition, we would also like to recognize those attendees who subsequently passed the exam (optional) and earned the Utility Management Course certificate of completion from California State University, Sacramento, Office of Water Programs:

Lloyd Akiona	Ken Kawahara	John Stubbart
Roy Asao	Clifford Kiger	Debra Togioka
Cari Cerizo	Roland Licon	Roland Torres
Kathleen Collins	Hugh Morita	Dennis Toshikiyo
Othon Cueva	Craig Nichols	Jeffrey Tyau
Lan Delas-Santos	Rudy Pagaduan	Raynol Udo
Bryce Fukuyama	Beatrice Pao	Jack Villaverde
Cynthia Grasa	Douglass Pang	Carl Watanabe
Chester Hoapili	Holly Perdido	Stuart Yamada
Phyllis Hoomanawanui	Walter Puhi, Jr.	William Yamamoto
Val Inanod	Julliette Rickard	
Frederick Kaahaaina	Michael Santiago	

CONGRATULATIONS WATER SYSTEM UTILITY MANAGEMENT WORKSHOP GRADUATES!

IN MEMORIAM

Leonard Ainsworth, 62, of the Rural Community Assistance Corporation's San Marcos, California office, died December 5, 1999, in the crash of a private plane he was piloting. He was a certified water treatment plant operator, a water utility manager, a circuit rider for the Indian reservations, a life member of AWWA, and the recipient of the AWWA California section, Fuller Award. Leonard was active in the area of operator training and certification, and was principal author of Chapter 19, Instrumentation, in Ken Kerri's training manual, "Water Treatment Plant Operation, Volume II," as well as a contributor to several other chapters and volumes. Many of us were fortunate enough to have met him as an instructor in the Utility Management Workshops held in Hilo, Kona, and Sand Island or in special training sessions for the Maui Department of Water Supply. Leonard's passing was a great loss to Hawaii as he was planning to relocate to the RCAC office in Hilo to continue his interest in water treatment plant and distribution system operator training.

NEWSRelease

January 24, 2000 (DOH #00-07)

Trace amounts of contaminants found in Neighbor Island drinking water systems - *Levels do not exceed drinking water standards and do not represent a health threat.*

During routine sampling of drinking water systems across the state, the Department of Health (DOH) has found trace amounts of the contaminants 1,2-Dibromo-3-Chloropropane (DBCP), hexachlorocyclopentadiene (HCCPD), cadmium, and isophorone, in separate water systems. None of the chemicals discovered were at levels that exceeded drinking water standards.

Maui Department of Water Supply, Lahaina system: Trace levels of DBCP were detected in samples taken in the Lahaina water system at the Honokahua Well A. DB CP was detected at between 0.02 and 0.04 micrograms per liter or parts per billion (ppb). The federal maximum contaminant level (MCL) for DBCP is 0.2 ppb, but the state has adopted a more stringent MCL of 0.04 ppb. DBCP was used to kill nematodes in pineapple cultivation in Hawai'i before its ban by the EPA in 1986.

Kilauea Military Camp on the Big Island and Maunaloa on Molokai: HCCPD was confirmed in samples collected from the Kilauea Military Camp water system on the Big Island. The concentration of HCCPD was 0.11 ppb, well below the state and federal MCL of 50 ppb. HCCPD is believed to be a contamination product found in various pesticides or could be a contamination product of the chlorination process.

HCCPD was also confirmed in samples collected from the Maunaloa water system on Molokai. The concentration of HCCPD was 0.093 ppb, well below the MCL.

Hawai'i Volcanoes National Park: Cadmium was confirmed in the Hawai'i Volcanoes National Park's water catchment system in water sampled at the Observatory. The concentration of cadmium was 0.0005 milligrams per liter (mg/l) or parts per million. The state and federal MCL for cadmium is 0.005 mg/l. Cadmium is a contaminant in the metals used to galvanize pipes. It generally gets into water by the corrosion of galvanized pipes or by improper waste disposal.

Hawai'i Department of Water Supply, North Kona system: The presence of isophorone was confirmed in samples taken in the Department of Water Supply North Kona water system at Kahaluu Well B. Isophorone is not a regulated contaminant, so it does not have a MCL. However, the Environmental Protection Agency (EPA) has set the drinking water health advisory at 100 ppb for a lifetime exposure, and has estimated that a dose of 40 ppb would increase a person's cancer risk by 1 in 1,000,000. The concentration of isophorone was 1.9 ppb, well below the EPA's health advisories. This contaminant is used in some herbicides and pesticides. It is also commonly used as a solvent in paints, coatings, and adhesives.

While none of these findings represent a health threat, the DOH will continue to monitor these sources to ensure that public health is not compromised.

**Distribution System Operators
Examination Registration Form
In Conjunction with Capacity Development Program
Basic Operator Training Classes**

Public Water System Name	PWS I.D. No.
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The Water Spot is published by the Safe Drinking Water Branch, Environmental Management Division of the Hawai'i State Department of Health and is distributed to water purveyors, water system operators, staff, consultants, and other interested parties.

*The Water Spot may also be viewed on the Safe Drinking Water Branch's web site at:
<http://www.hawaii.gov/health/eh/sdwb>*

*Please send your
suggestions, ideas,
questions or
comments to:*

***THE WATER SPOT 2000** OR
Safe Drinking Water Branch
State Department of Health
919 Ala Moana Blvd., Room 308
Honolulu, Hawaii 96814*

Fax us at (808) 586-4370, Attn: "THE WATER SPOT 2000"

SDWB WEB SITE:

<http://www.hawaii.gov/health/eh/sdwb>

HISWAP WEB SITE:

<http://www.aloha.net/~will/hiswap.html>



BENJAMIN J. CAYETANO
Governor of Hawaii

BRUCE S. ANDERSON, Ph.D., M.PH
Director of Health

GARY GILL
Deputy Director for
Environmental Health

The Water Spot 2000 (March 2000)
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